

IN THE CLAIMS:

The text of all pending claims, (including withdrawn claims) is set forth below. Cancelled and not entered claims are indicated with claim number and status only. The claims as listed below show added text with underlining and deleted text with ~~strike through~~. The status of each claim is indicated with one of (original), (currently amended), (cancelled), (withdrawn), (new), (previously presented), or (not entered).

Please AMEND claims 1-15 in accordance with the following:

1. (CURRENTLY AMENDED) A method of managing control information in a control information management server that collectively manages control information for controlling control objects, the method comprising ~~the steps of:~~
 - producing the control information in compliance with an instruction from a user;
 - collecting alteration information ~~for altering the control information;~~
 - sending a message via email to a mobile communication terminal of the user;
 - altering the control information based on the alteration information in response to permission sent from the mobile communication terminal of the user; and
 - controlling ~~the~~ a control ~~an~~ object in accordance with the altered control information.
2. (CURRENTLY AMENDED) The method as claimed in claim 1, wherein ~~the control information~~ altering the control information comprises ~~step includes the step of:~~
 - collecting alteration information ~~that is necessary for altering the control information;~~
 - requesting ~~for~~ permission to alter the control information after notifying a user that the control information needs to be altered based on the collected alteration information; and
 - altering the control information upon receipt of the permission from the user.
3. (CURRENTLY AMENDED) The method as claimed in claim 1, wherein ~~the control object~~ controlling the control object comprises ~~step includes the steps of:~~
 - requesting ~~for~~ permission to alter the control information after notifying the user that the control information be transmitted to the control object; and
 - transmitting the control information to the control object upon receipt of transmission permission from the user.

4. (CURRENTLY AMENDED) The method as claimed in claim 1, further comprising ~~the step of~~ notifying the user of an abnormal state of the control object, when no control information reception acknowledgement is sent from the control ~~objet~~ object after the transmission of the control information to the control object.

5. (CURRENTLY AMENDED) A method of managing control information in a control information management server that collectively manages control information used for controlling a control object, the method comprising ~~the steps of~~:

producing the control information in accordance with an instruction from a user;
collecting check information for checking a control condition contained in the control information;

checking whether or not the control condition is satisfied based on the check information; and

controlling a remote control object via a network from the control information management server in accordance with the control information based on a check result of the control condition.

6. (CURRENTLY AMENDED) A method of controlling a control object in a control object controlling device that controls a control object in accordance with control information, the method comprising ~~the steps of~~:

~~collecting alteration information for altering the control information on a transmission side;~~

receiving the control information altered based on ~~the alteration information for altering the control information on a transmission side, sending a message via email to a mobile communication terminal of a user and altering the control information based on the alteration information in response to permission sent from the mobile communication terminal of the user, after collecting the alteration information;~~

selecting a control object corresponding to the received control information; and
controlling the selected control object in accordance with the received control information.

7. (CURRENTLY AMENDED) A method of controlling a control object in a control object controlling device that controls a control object in accordance with control information, the method comprising ~~the steps of~~:

~~collecting check information for checking a control condition contained in the control information on a transmission side;~~

receiving through a network the control information transmitted from a remote server in accordance with a check result by ~~the check information~~ after collecting the check information checking a control condition contained in the control information on a transmission side;

selecting a control object corresponding to the received control information; and
controlling the selected control object in accordance with the received control information.

8. (CURRENTLY AMENDED) A recording medium that can be read by a computer and stores a program for enabling a computer to perform an operation in a control information management server that collectively manages control information for controlling a control object, the program comprising:

a control information producing procedure ~~for~~ producing the control information in compliance with an instruction from a user;

a control information alteration procedure ~~for~~ collecting alteration information used for altering the control information, sending a message via email to a mobile communication terminal of the user, and altering ~~alters~~ the control information in accordance with the alteration information in response to permission sent from the mobile communication terminal of the user.

9. (CURRENTLY AMENDED) A recording medium that can be read by a computer and stores a program for enabling a computer to perform an operation in a control information management server that collectively manages control information for controlling a control object, the program comprising:

a control information producing procedure ~~for~~ producing the control information in compliance with an instruction from a user;

a control condition ~~check information collecting~~ procedure ~~for~~ collecting check information for checking a control condition contained in the control information, and ~~checks~~ checking whether or not the condition is satisfied based on the check information;

the program controlling the control object situated at a remote site via a network from the control information management server in accordance with the control information

based on a check result of the control condition.

10. (CURRENTLY AMENDED) A recording medium that can be read by a computer and stores a program for enabling a computer to perform an operation in a control object controlling device that controls a control object in accordance with control information, the program comprising:

a control information reception procedure ~~collecting alteration information for altering the control information on a transmission side, and receives~~ receiving control information altered based on the alteration information, after collecting the alteration information for altering the control information on a transmission side, sending a message via email to a mobile communication terminal of a user, and altering the control information based on the alteration information in response to permission sent from the mobile communication terminal of the user; and

a control procedure ~~for~~ selecting a control object corresponding to the received control information, and ~~controls~~ controlling the selected control object in accordance with the received control information.

11. (CURRENTLY AMENDED) A recording medium that can be read by a computer and stores a program for enabling a computer to perform an operation in a control object controlling device that controls a control object in accordance with control information, the program comprising:

a control information reception procedure ~~for collecting check information used for checking a control condition contained in the control information on a transmission side, and~~ receiving through a network the control information transmitted from a remote server based on a check result by the check information after collecting the check information used for checking a control condition contained in the control information on a transmission side; and

a control procedure ~~for~~ selecting a control object corresponding to the received control information, and ~~controls~~ controlling the selected control object in accordance with the received control information.

12. (CURRENTLY AMENDED) A control information management server that collectively manages control information for controlling a control object, the control information management server comprising:

a control information producing unit that produces the control information in

compliance with an instruction from a user; and

a control information alteration unit that collects alteration information for altering the control information, sends a message via email to a mobile communication terminal of the user, and alters the control information in accordance with the alteration information, in response to permission sent from the mobile communication terminal of the user,

the control information management server controlling the control object in accordance with the control information.

13. (CURRENTLY AMENDED) A control information management server that collectively manages control information for controlling a control object, the control information management server comprising:

a control information producing unit that produces the control information in compliance with an instruction from a user; and

a control condition check unit that collects check information used for checking a control condition contained in the control information, and checks from the check information whether or not the control condition is satisfied,

the control information management server controlling a remote control object via a network in accordance with the control information based on a check result of the control condition.

14. (CURRENTLY AMENDED) A control information management system that collectively manages control information for controlling a control object, the control information management system comprising:

a control information producing unit that produces the control information in compliance with an instruction from a user;

a control information alteration unit that collects alteration information for altering the control information, sends a message via email to a mobile communication terminal of the user, and alters the control information in accordance with the alteration information in response to permission sent from the mobile communication terminal of the user;

a control information transmission unit that transmits the control information via a network;

a control information reception unit that receives the transmitted control information; and

a control unit that selects a control object corresponding to the received control

information, and controls the selected control object in accordance with the received control information.

15. (CURRENTLY AMENDED) A control information management system that collectively manages control information for controlling a control object, the control information management system comprising:

a control information producing unit that produces the control information in compliance with an instruction from a user;

a control condition check unit that collects check information used for checking a control condition contained in the control information, and checks whether or not the control condition is satisfied based on the check information;

a control information transmission unit that transmits the control information via a network from a server, based on a check result of the control condition;

a control information reception unit that receives the transmitted control information via the network from the server situated at a remote site; and

a control unit that selects a control object corresponding to the received control information, and controls the selected control object in accordance with the received control information.